

APPLICANT'S ART CITATION (Use several sheets if necessary)		Application 10/532,948		OFFICE No. P/2850-106		
		Applicant Shigeyuki YOKOYAMA, et al.				
		Filing Date April 27, 2005		Group Art Unit ---		
U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)						
Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
	US-					
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FOREIGN PATENT DOCUMENTS						
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation
						Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
KG		Supplementary European Search Report dated November 2, 2005.				
KG		Wang, Lei, et al., "Expanding the Genetic Code of <i>Escherichia coli</i> ", <i>Science</i> , 292:498-500 (2001).				
KG		Kowal, A.K., et al., "Twenty-first aminoacyl-tRNA synthetase-suppressor tRNA pairs for possible use in site-specific incorporation of amino acid analogues into proteins in eukaryotes and in eubacteria" <i>Proceedings of the National Academy of Science</i> , 98(5):2268-2273 (2001).				
KG		Koide, H., et al., "Biosynthesis of a protein containing a nonprotein amino acid by <i>Escherichia coli</i> : L-2-Aminohexanoic acid at position 21 in human epidermal growth factor", <i>Proceedings of the National Academy of Science</i> , 85:6237-6241 (1988).				
KG		Noren, C.J., et al., "A General Method for Site-Specific Incorporation of Unnatural Amino Acids into Proteins", <i>Science</i> , 244:182-188 (1989).				
		Wang, Lei, et al., "Expanding the Genetic Code of <i>Escherichia coli</i> ", 292:498-500 (2001).				
KG		Wang, Lei, et al., "Adding L-3-(2-Naphthyl)alanine to the Genetic Code of <i>E. coli</i> ", <i>J. A.C. Chem. Soc.</i> , 124(9):1836-1837 (2002).				
KG		Kiga, D., et al., "An engineered <i>Escherichia coli</i> tyrosyl-tRNA synthetase for site-specific incorporation of an unnatural amino acid into proteins in eukaryotic translation and its application in a wheat germ cell-free system", <i>Proceedings of the National Academy of Science</i> , 99(15):9715-9723 (2002).				
KG		Kiga, D., et al., "Site-Specific Introduction of 3-Iodotyrosine into Protein in an Cell-Free Translation System of an Eukaryote Using a Mutant Tyrosyl-tRNA Synthetase of <i>Escherichia coli</i> ", <i>Seikagaku (Biochemistry)</i> , 74(8):1011 (2002).				
KG		English Translation of the article titled "Site-Specific Introduction of 3-Iodotyrosine into Protein in an Cell-Free Translation System of an Eukaryote Using a Mutant Tyrosyl-tRNA Synthetase of <i>Escherichia coli</i> "				
Examiner /Kagnew Gebreyesus/		Date Considered 02/07/2007				
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APPLICANT'S ART CITATION

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Application

OFCS

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Applicant

Shigeyuki YOKOYAMA et al

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	US-					
	US-					
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FOREIGN PATENT DOCUMENTS

	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KG		International Search Report for PCT/JP03/14028 dated January 30, 2004.
KG		SAKAMOTO K. et al., "Site-specific incorporation of an unnatural amino acid into proteins in mammalian cells" Nucleic Acids Res. 01 November 2002, Vol. 30, No. 21, pp/ 4692-9.
KG		Daisuke KIGA et al., "Hen'igata Daichokin Tyrosyl -tRNA Gosei Koso o Riyo Shita, Shinkaku Seibutsu no Musaibo Honyakukei ni okeru 3-Iodotyrosine no Tanpaku-shitsu eno Bui Tokuiteki Torikumi", Sei kagaku, 25 August 2002, Vol. 74, no. 8, page 1011.
		KIGA D. et al., An engineered Escherichia coli tyrosyl-tRNA synthetase for site-specific incorporation of an unnatural amino acid into proteins in eukaryotic translation and its application in a wheat germ cell-free system, Proc.Natl.Acad.Sci.USA., 23 July 2002, Vol.99, No. 15, p.9715-20. <i>duplicate - see IDS 12/9/05</i>
KG		WAWROUSEK EF et al., Two large clusters with thirty-seven transfer RNA genes adjacent to ribosomal RNA gene sets in Bacillus subtilis. Sequence and organization of trmD and trmE gene clusters., J.Biol.Chem., 1984, Vol. 259, No. 6, p. 3694-702.

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